

Attorney Docket No. 534.112129

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of ) Group Art Unit: 2634  
)  
Ville Eerola and Tapani Ritoniemi ) Confirmation No.: 6648  
)  
Application No.: 09/689,854 ) Examiner: Chieh M. Fan  
)  
Filing Date: October 13, 2000 ) NOTIFICATION OF THE LOSS OF  
) ENTITLEMENT TO SMALL ENTITY  
For: MATCHED FILTER AND SPREAD ) STATUS  
SPECTRUM RECEIVER )  
)

Director of the United States Patent and Trademark Office  
Mail Stop Post Issue  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR 1.28(c)(1) and (2) Applicants hereby notify the U.S. Patent and Trademark Office in good faith of the loss of entitlement to small entity status in connection with the above-identified application, now U.S. Patent No. 7,010,024 B1. The sequence of assignments is as follows:

1. Assignment from inventors, Ville Eerola and Tapani Ritoniemi to VLSI Solution OY, a small entity, on October 12, 2000;
2. Assignment from VLSI Solution OY, a small entity, to U-NAV Microelectronics Corporation, a small entity, on May 22, 2002;
3. Assignment from U-NAV Microelectronics Corporation, a small entity, to Atheros Technology Ltd., a large entity, on December 14, 2007;
4. Assignment from Atheros Technology Ltd., a large entity, to Qualcomm Atheros Technology Ltd., a large entity, on July 1, 2011; and
5. Assignment from Qualcomm Atheros Technology Ltd. to Qualcomm Incorporated, a large entity, on October 17, 2012.

Adjustment date: 04/12/2013 DALLEN  
03/20/2013 RAMBULKS 00024213 132159 7010024  
01 FC:2552 1450.00 CR

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PATENTCalculations of Deficiencies Under 37 CFR Section 128(c)(2)(i)

<u>Payment Date</u>	<u>Amount Paid</u>	<u>For</u>	<u>Large Entity Fee</u>	<u>Amount of Deficiency</u>
08/12/09	\$ 490.00	1 <sup>st</sup> Maintenance Fee	\$1,600.00	\$1,110.00
03/20/13	\$1,450.00	2 <sup>nd</sup> Maintenance Fee	\$3,600.00	\$2,150.00
TOTAL DEFICIENCY OWED:				\$3,260.00

*Collected*

Accompanying this paper is the deficiency of \$3,260.00 which is now owed.

As indicated in 37 CFR Section 128(d), this payment should be treated under 37 CFR Section 1.27(g)(2) as the official notification of the loss of entitlement to small entity status.

Respectfully submitted,

BAY AREA TECHNOLOGY LAW GROUP PC

Dated: April 9, 2013

By: /nathan p koenig/

Nathan P. Koenig  
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Atty Docket No. 534.112129

04/12/2013 DALLEN 00000002 132159 7010024  
01 FC:1552 1450.00 DA 1450.00 DP

PTO/SB/17 (09-13)

Approved for use through 01/31/2014. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL**

		Complete if known	
		Application Number	09/689,854
		Filing Date	October 13, 2000
<input type="checkbox"/> Applicant asserts small entity status. See 37 CFR 1.27. <input type="checkbox"/> Applicant certifies micro entity status. See 37 CFR 1.29. Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.		First Named Inventor	Ville Eerola
		Examiner Name	Chleh M. Fan
		Art Unit	2634
TOTAL AMOUNT OF PAYMENT	(\$ 3,260.00)	Practitioner Docket No.	534.112129

**METHOD OF PAYMENT** (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: \_\_\_\_\_ Deposit Account Name: \_\_\_\_\_

For the above-identified deposit account, the Director is hereby authorized to (check all that apply):

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayment of fee(s)  Credit any overpayment of fee(s)  
under 37 CFR 1.16 and 1.17

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEES CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES (U = undiscounted fee; S = small entity fee; M = micro entity fee)**

Application Type	FILING FEES			SEARCH FEES			EXAMINATION FEES			Fees Paid (\$)
	U (\$)	S (\$)	M (\$)	U (\$)	S (\$)	M (\$)	U (\$)	S (\$)	M (\$)	
Utility	280	140*	70	600	300	150	720	360	180	
Design	180	90	45	120	60	30	460	230	115	
Plant	180	90	45	380	190	95	580	290	145	
Reissue	280	140	70	600	300	150	2,160	1,080	540	
Provisional	260	130	65	0	0	0	0	0	0	

\* The \$140 small entity status filing fee for a utility application is further reduced to \$70 for a small entity status applicant who files the application via EFS-Web.

**2. EXCESS CLAIM FEES**

Fee Description	Undiscounted Fee (\$)	Small Entity Fee (\$)	Micro Entity Fee (\$)
Each claim over 20 (including Reissues)	80	40	20
Each independent claim over 3 (including Reissues)	420	210	105
Multiple dependent claims	780	390	195
Total Claims	Extra Claims      Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims Fee (\$)
-20 or HP =	x	=	Fee Paid (\$)
HP = highest number of total claims paid for, if greater than 20.			
Indep. Claims	Extra Claims      Fee (\$)	Fee Paid (\$)	
-3 or HP =	x	=	
HP = highest number of independent claims paid for, if greater than 3.			

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$400 (\$200 for small entity) (\$100 for micro entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x		

**4. OTHER FEE(S)**

Non-English specification, \$130 fee (no small or micro entity discount)  
Non-electronic filing fee under 37 CFR 1.16(t) for a utility application, \$400 fee (\$200 small or micro entity)  
Other (e.g., late filing surcharge): Add'l PTO fees for the 1st and 2nd maintenance fees due to loss of small entity status. \$3,750.00

SUBMITTED BY		Registration No. (Attorney/Agent)	Telephone
Signature	/nathan p koenig/	38210	415-868-4872
Name (Print/Type)	Nathan P. Koenig		Date April 9, 2013

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.